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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/736,178	12/15/2000	Akihiko Uekusa	35.C6914 C2/REI	7715

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NEW YORK, NY 10112

EXAMINER

GARCIA, GABRIEL I

ART UNIT	PAPER NUMBER
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2624

DATE MAILED: 05/06/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

091736,178

Applicant(s)

Uekusa

Examiner

A. Marcia

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE three MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on _____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-66 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-66 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 4 6) ☐ Other: _____

Reissue Application

1. This reissue application has been examined. Claims 1-66 are presented in this reissue application.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1,3-6,8-11,13-16,18-21,23-26,28-31,33-36,38-42,44-45,47-48,50-51,53-54,56-57,59-60,62-63,65 and 66 are rejected under 35 U.S.C. 102(b) as being anticipated by Hideki et al. (JP 62221546 A).

With regard to claim 1, Hideki et al. teaches an information processing apparatus (9) which transfers print data to a printer (8), said apparatus comprising: determining means (1) for determining whether the print data is to be transferred to the printer in first mode (e.g. high speed mode) or in a second mode

(low speed mode); and control means (4) for causing said information processing apparatus to convert (character generator or develop) the print data into bit map data (or dot data) and to transfer the converted bit map data to the printer when said determining means determines that the print data is to be transferred in the first mode (e.g. see abstract, in the high speed mode the bit map data (dot data) is generated by the host), and to convert the print data into print data which can be interpreted by the printer (see abstract), and to transfer the converted data to the printer when said determining means determines that the print data is to be transferred in the second mode (e.g. low speed mode), wherein the converted data in the second mode includes information indicative of a data type (good type of data or inferior type of data).

With regard to claim 3, Hideki et al. teaches wherein the printer prints the bit map data transferred by said apparatus (see abstract).

With regard to claims 4-5, Hideki et al. teaches wherein the printer interprets the print data transferred by said apparatus, converts the interpreted data into bit map data, and prints the converted bit map data (dot data) and means for setting the first or the second mode (see abstract).

With regard to claims 6 and 8-10, the limitations of claims 6 and 8-10 are covered by the limitations of claims 1 and 3-5 above.

With regard to claims 11 and 13-15, the limitations of claims 11 and 13-15 are covered by the limitations of claims 1 and 3-5 above.

With regard to claims 16 and 18-21, the limitations of claims 16 and 18-21 are covered by the limitations of claims 1 and 3-5 above.

With regard to claims 23-26,28-31,33-36 and 38-40, the limitations of claims 23-26,28-31,33-36 and 38-40 are covered by the limitations of claims 1 and 3-5 above.

With regard to claims 41 and 42, Hideki et al. teaches wherein the first mode or second mode are modes in which said apparatus controls an output style of the print data (e.g. the output type being the quality of the print data).

With regard to claims 44-45,47-48,50-51,53-54,56-57,59-60, and 62-63, the limitations of claims 44-45,47-48,50-51,53-54,56-57,59-60, and 62-63 are covered by the limitations of claims 41 and 42 above.

With regard to claims 65-66, the limitations of claims 65-66 are covered by the limitations of claim 1 above.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2,7,12,17,22,27,32,37,43,46,49,52,55,58,61 and 64 and 37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hideki et al. (JP 62221546 A) as applied to claim(s) 1 and/or 6 above, and further in view of Steeves et al. (5,075,874).

With regard to claim 2, Hideki et al. teaches wherein the print data comprises a character code and the control data generated in bit map (see abstract), but fails to use the control code written in a page description language. Steeves et al. teaches that it is well known in the art to use control data such as a page description language in a printing system (see fig. 3).

Therefore, it would have been obvious to one of ordinary skill in the art to use a page description language as taught by Steeves et al. within the information processing apparatus of Hideki et al., in order to allow the information processing apparatus of Hideki et al. to process jobs in a language such as PDL, since it

is well known in the art of printing that many print jobs are processed using a language such as PDL, thereby increasing the versatility of the information processing apparatus of Hideki et al..

With regard to claims 7,12,17,22,27,32 and 37, the limitations of claims 7,12,17,22,27,32 and 37 are covered by the limitations of claim 2 above.

With regard to claims 43,46,49,52,55,58,61 and 64, the limitations of claims 43,46,49,52,55,58,61 and 64 are covered by the limitations of claim 2 above.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gabriel I. Garcia whose telephone number is (703) 305-8751. The examiner can normally be reached Monday thru Thursday from 7:30AM-6:00PM.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 306-0377.

faxes to:

(703) 872-9314 (official or unofficial)

Serial Number: 09/736,178

Art Unit: 2624 7

GABRIEL GARCIA
PRIMARY EXAMINER

Gabriel Garcia

Gabriel I. Garcia
Primary Examiner
May 5, 2003